

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	685	"348".clas. and (short with long) with (expos\$4 or integrat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/09 09:59
L2	374	1 and (dynamic near3 range)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/09 09:59
L4	4	("6008486"   "6674470"   "6680498"   "6710804").PN. OR ("7397509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/09 10:05
L5	1	("6486504").PN.	USPAT	OR	OFF	2009/05/09 10:05
L6	199	1 and (dynamic near3 range) and averag\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/09 10:14
L7	39	"348".clas. and ((short with long) with (expos\$4 or integrat\$4) same averag \$4) and (dynamic near3 range)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/09 10:14
L8	9	("5325449"   "5488674"   "5511155"   "5828793"   "5886822"   "6075905").PN. OR ("6584235").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/09 10:25
L9	1	("2003/0117520").URPN.	USPAT	OR	ON	2009/05/09 10:26
S1	2	"US 20050012836"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/17 16:05
S2	1	("20020154231").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:05
S3	44	((ROBERT) near2 (GUI DASH)).INV.	USPAT	OR	ON	2008/01/17 19:17
S4	14	((ROBERT) near2 (GUI DASH)).INV.	US-PGPUB	OR	ON	2008/01/17 16:13
S5	18	("4012587"   "4242700"   "4336556"   "4455575"   "4514766"   "4602289"   "4810901"   "5051832"   "5274476"   "5283451"   "5306906"   "6211915"   "6236434"   "6583818"   "6690421"   "6760071"   "6831692"   "6885402").PN.	US-PGPUB; USPAT	OR	ON	2008/01/17 16:13
S6	2	"US 20040017497"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/17 16:17

S7	5	(( "20070097244" ) or ("7315329" ) or ("7256831" ) or ("7242427" ) or ("7230646" ) or ("7256831" ) ).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/17 19:17
S8	71	(US-20050161714-\$ or US- 20040046883-\$ or US- 20060209202-\$ or US- 20070070232-\$ or US- 20010048477-\$ or US- 20060119725-\$ or US- 20010043276-\$ or US- 20040017497-\$ or US- 20020075391-\$).did. or (US-5488239-\$ or US- 4117510-\$ or US-4559550- \$ or US-5512945-\$ or US- 5668597-\$ or US-4774586- \$ or US-6185270-\$ or US- 4810901-\$ or US-4862487- \$ or US-6160580-\$ or US- 6211915-\$ or US-4636826- \$ or US-6541805-\$ or US- 4604652-\$ or US-5393997- \$ or US-4689687-\$ or US- 6522356-\$ or US-5306906- \$ or US-4602289-\$ or US- 6674094-\$ or US-6831692- \$ or US-6794692-\$ or US- 4012587-\$ or US-5274476- \$ or US-6822682-\$ or US- 4558365-\$).did. or (US- 4200892-\$ or US-4477835- \$ or US-4336556-\$ or US- 6933976-\$ or US-5051832- \$ or US-4514766-\$ or US- 4455575-\$ or US-6690421- \$ or US-5793071-\$ or US- 4720746-\$ or US-4847692- \$ or US-5353057-\$ or US- 5379064-\$ or US-4500915- \$ or US-7217910-\$ or US- 5847758-\$ or US-3946421- \$ or US-6426493-\$ or US- 6423959-\$ or US-4242700- \$ or US-7002631-\$ or US- 6850277-\$ or US-6809764- \$ or US-6760071-\$ or US- 5598017-\$ or US-5396121- \$ or US-5283451-\$).did. or (US-6111279-\$ or US- 4493060-\$ or US-6586784- \$ or US-6885402-\$ or US- 6583818-\$ or US-6236434- \$ or US-7079183-\$ or US- 6707494-\$ or US-6677998-	US-PGPUB; USPAT	OR	ON	2008/01/17 19:34

		\$).did.				
S9	20	fossum.in. and binning	US-PGPUB; USPAT	OR	ON	2008/01/17 19:44
S10	7	((("20020186312") or ("6970195") or ("5721422") or ("6885396") or ("6747699") or ("6844898") or ("3971065")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/17 19:45
S11	4	("4930006"   "5410146"   "5965892"   "5973311"). PN. OR ("6844898").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 19:46
S12	18	("4948966"   "5193018"   "5371351").PN. OR ("5721422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 19:48
S13	63	(chriss and yoder).xa.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 19:48
S14	11	("20010013901"   "20020154233"   "20020154347"   "5793423"   "5949483"   "6239839"   "6365886"   "6452153"   "6531690"   "6747264"   "7242427"). PN. OR ("7304674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 19:49
S15	361	(348/302).CCLS.	USPAT	OR	OFF	2008/02/01 21:42
S16	657	(348/308).CCLS.	USPAT	OR	OFF	2008/02/01 21:42
S17	109	(348/310).CCLS.	USPAT	OR	OFF	2008/02/01 21:42
S18	308	(348/311).CCLS.	USPAT	OR	OFF	2008/02/01 21:42
S19	108	(348/316).CCLS.	USPAT	OR	OFF	2008/02/01 21:41
S20	90	(348/319).CCLS.	USPAT	OR	OFF	2008/02/01 21:41
S21	169	(348/272).CCLS.	USPAT	OR	OFF	2008/02/01 21:41
S22	312	(348/273).CCLS.	USPAT	OR	OFF	2008/02/01 21:41
S23	36	(348/281).CCLS.	USPAT	OR	OFF	2008/02/01 20:58
S24	48	(348/282).CCLS.	USPAT	OR	OFF	2008/02/01 20:58
S25	39	(348/283).CCLS.	USPAT	OR	OFF	2008/02/01 20:58
S26	252	(348/220.1).CCLS.	USPAT	OR	OFF	2008/02/01 21:41

S27	113	(348/221.1).CCLS.	USPAT	OR	OFF	2008/02/01 21:41
S28	131	(348/302).CCLS.	US-PGPUB	OR	OFF	2008/02/01 21:41
S29	502	(348/308).CCLS.	US-PGPUB	OR	OFF	2008/02/01 21:41
S30	21	(348/310).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:58
S31	187	(348/311).CCLS.	US-PGPUB	OR	OFF	2008/02/01 21:41
S32	16	(348/316).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:57
S33	1	(348/319).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:57
S34	215	(348/272).CCLS.	US-PGPUB	OR	OFF	2008/02/01 21:41
S35	98	(348/273).CCLS.	US-PGPUB	OR	OFF	2008/02/01 21:40
S36	4	(348/281).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:57
S37	2	(348/282).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:57
S38	3	(348/283).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:57
S39	148	(348/220.1).CCLS.	US-PGPUB	OR	OFF	2008/02/01 21:40
S40	18	(348/221.1).CCLS.	US-PGPUB	OR	OFF	2008/02/01 20:57
S41	28	"348".clas. and (shar\$4 with float\$4 with diffusion)	USPAT	OR	ON	2008/02/02 16:30
S42	4	("20040012697"   "20050012836"   "20050110884"   "20060146161").PN. OR ("7238926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/02 18:53
S43	1	("6686960").PN.	USPAT	OR	OFF	2008/02/02 19:15
S44	15	fossum.in. and binning	USPAT	OR	ON	2008/02/02 19:16
S45	2829	(250/208.1).CCLS.	USPAT	OR	OFF	2008/08/12 16:31
S46	1201	(250/208.1).CCLS.	US-PGPUB	OR	OFF	2008/08/12 16:31
S47	4030	(250/208.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/12 16:31
S48	348	S47 and (shar\$4 or multiplex\$4) same amplif \$4	US-PGPUB; USPAT	OR	ON	2008/08/12 16:31

S49	109	(348/316).CCLS.	USPAT	OR	OFF	2008/08/12 18:31
S50	17	(348/316).CCLS.	US-PGPUB	OR	OFF	2008/08/12 18:31
S51	31	("4453177"   "4603354"   "4658287"   "4928137"   "4959723"   "5043819"   "5136370"   "5148013"   "5153731"   "5196939"   "5249041"   "5264939"   "5278660"   "5418565"   "5463419"   "5486859"   "5491512"   "5493335"   "5786588"   "5880781"   "5990946"   "6011583"   "6122007"   "6124888"   "6130710"   "6275261"   "6449013"   "6529236"). PN. OR ("6784928").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 18:34
S52	12	("4635122"   "4816916"   "4837630"   "4839734"   "4878121"   "4897728"   "5043819"   "5148013"). PN. OR ("5400071").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 18:54
S53	92	(348/319).CCLS.	USPAT	OR	OFF	2008/08/12 19:04
S54	1	(348/319).CCLS.	US-PGPUB	OR	OFF	2008/08/12 19:04
S55	42	(348/283).CCLS.	USPAT	OR	OFF	2008/08/12 20:15
S56	3	(348/283).CCLS.	US-PGPUB	OR	OFF	2008/08/12 20:15
S58	1	10/229176	US-PGPUB; USPAT	OR	ON	2008/08/12 21:22
S60	2	10/230222	US-PGPUB; USPAT	OR	ON	2008/08/12 21:22
S61	631	(348/241).CCLS.	USPAT	OR	OFF	2008/08/13 16:02
S62	314	(348/241).CCLS.	US-PGPUB	OR	OFF	2008/08/13 16:02
S63	214	(S61 S62) and averag\$4	USPAT	OR	ON	2008/08/13 16:02
S64	377	(S61 S62) and averag\$4	US-PGPUB; USPAT	OR	ON	2008/08/13 16:02
S65	1377	floating adj diffusion	USPAT	OR	ON	2008/08/15 13:23
S66	1069	(floating adj diffusion) with charge	USPAT	OR	ON	2008/08/15 13:23
S67	634	(floating adj diffusion) with charge with voltage	USPAT	OR	ON	2008/08/15 13:23

S68	504	(floating adj diffusion) with charge with voltage and pixel	USPAT	OR	ON	2008/08/15 13:24
S69	320	(348/229.1).CCLS.	USPAT	OR	OFF	2008/08/15 19:10
S71	119275	"348".clas.	US-PGPUB; USPAT	OR	ON	2008/08/15 19:12
S72	10229	(short same long) and (dynamic near3 range)	US-PGPUB; USPAT	OR	ON	2008/08/15 19:26
S73	1030	S71 and S72	US-PGPUB; USPAT	OR	ON	2008/08/15 19:26
S74	9	((("6919551") or ("5436662") or ("20020175269") or ("6067113") or ("6483541") or ("6128039") or ("20030071195") or ("7068312") or ("6351283"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/15 19:33
S75	6812	(short same long) and (dynamic near3 range) and averag\$4	US-PGPUB; USPAT	OR	ON	2008/08/15 19:51
S76	603	S71 and S75	US-PGPUB; USPAT	OR	ON	2008/08/15 19:51
S77	32	(348/235).CCLS.	USPAT	OR	OFF	2008/08/15 19:57
S78	4	(348/235).CCLS.	US-PGPUB	OR	OFF	2008/08/15 19:58
S79	15	(348/367).CCLS.	US-PGPUB	OR	OFF	2008/08/15 19:59
S80	62	(348/367).CCLS.	USPAT	OR	OFF	2008/08/15 19:59
S81	52	(348/364).CCLS.	US-PGPUB	OR	OFF	2008/08/15 20:01
S82	244	(348/364).CCLS.	USPAT	OR	OFF	2008/08/15 20:02
S83	75	(chriss and yoder).xa.	USPAT	OR	ON	2008/08/15 20:05

S84	29	("20020027189"   "20030001962"   "20030184659"   "20040017498"   "4706123"   "4819074"   "5036400"   "5065247"   "5079622"   "5264940"   "5416515"   "5420635"   "5714753"   "5929908"   "6211915"   "6219097"   "6593970"   "6670993"   "6765611"   "6771312"   "6809768"   "6831692"   "6839087"   "6859230"   "6873442"   "6909461"   "6924841"   "6970195"   "7024108").PN. OR ("7400355").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 20:05
S85	14	("20020130957"   "4647975"   "6115065"   "6137100"   "6204881"   "6275259"   "6388709"   "6646246"   "6697114"   "6710804"   "6724426"   "6765611").PN. OR ("6924841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 20:07
S86	59	("4589024"   "4626916"   "4706123"   "4819070"   "4821103"   "4884142"   "4959723"   "5084704"   "5162914"   "5262871"   "5264944"   "5274459"   "5434619"   "5471515"   "5485206"   "5541402"   "5541654"   "5576763"   "5585847").PN. OR ("6115065").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 20:10
S87	24	("20020027189"   "20020100862"   "20050128329"   "20060119717"   "5420635"   "5471515"   "5587596"   "5589880"   "5600696"   "5841126"   "5872595"   "5920345"   "6008486"   "6040570"   "6115065"   "6180935"   "6188433"   "6211915"   "6289139"   "6317154"   "6320616"   "6429898"   "6606121"   "6831689"). PN. OR ("7382407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 20:12
S88	29	("4845382"   "4914519"   "5278658").PN. OR ("5434619").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 20:27

S89	14	("4843473"   "5274459"   "5434619"   "5737016"   "5998779"   "6008486"   "6067113"   "6118115"   "6166769"   "6476864"   "6535247"   "6538693"). PN. OR ("6803952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 20:29
S90	44	((ROBERT) near2 (GUIDASH)).INV.	USPAT	OR	ON	2008/08/16 14:20
S91	15	((ROBERT) near2 (GUIDASH)).INV.	US-PGPUB	OR	ON	2008/08/16 14:20
S92	385	(348/302).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S93	717	(348/308).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S94	113	(348/310).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S95	326	(348/311).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S96	109	(348/316).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S97	183	(348/272).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S98	329	(348/273).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S99	38	(348/281).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S100	53	(348/282).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S101	272	(348/220.1).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S102	120	(348/221.1).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S103	143	(348/302).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S104	562	(348/308).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S105	21	(348/310).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S106	215	(348/311).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S107	17	(348/316).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S108	221	(348/272).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S109	105	(348/273).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S110	5	(348/281).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20



S111	2	(348/282).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S112	167	(348/220.1).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S113	23	(348/221.1).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S114	32	"348".clas. and (shar\$4 with float\$4 with diffusion)	USPAT	OR	ON	2008/08/16 14:20
S115	4033	(250/208.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/16 14:20
S116	348	S115 and (shar\$4 or multiplex\$4) same amplif \$4	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20
S117	109	(348/316).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S118	17	(348/316).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S119	92	(348/319).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S120	1	(348/319).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S121	42	(348/283).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S122	3	(348/283).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S123	631	(348/241).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S124	314	(348/241).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S125	214	(S123 S124) and averag\$4	USPAT	OR	ON	2008/08/16 14:20
S126	377	(S123 S124) and averag\$4	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20
S127	504	(floating adj diffusion) with charge with voltage and pixel	USPAT	OR	ON	2008/08/16 14:20
S128	320	(348/229.1).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S129	119275	"348".clas.	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20
S130	10229	(short same long) and (dynamic near3 range)	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20
S131	1030	S129 and S130	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20
S132	6812	(short same long) and (dynamic near3 range) and averag\$4	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20

S133	603	S129 and S132	US-PGPUB; USPAT	OR	ON	2008/08/16 14:20
S134	32	(348/235).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S135	4	(348/235).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S136	15	(348/367).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S137	62	(348/367).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S138	52	(348/364).CCLS.	US-PGPUB	OR	OFF	2008/08/16 14:20
S139	244	(348/364).CCLS.	USPAT	OR	OFF	2008/08/16 14:20
S140	29	("20020027189"   "20030001962"   "20030184659"   "20040017498"   "4706123"   "4819074"   "5036400"   "5065247"   "5079622"   "5264940"   "5416515"   "5420635"   "5714753"   "5929908"   "6211915"   "6219097"   "6593970"   "6670993"   "6765611"   "6771312"   "6809768"   "6831692"   "6839087"   "6859230"   "6873442"   "6909461"   "6924841"   "6970195"   "7024108").PN. OR ("7400355").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/16 14:20
S141	14	("20020130957"   "4647975"   "6115065"   "6137100"   "6204881"   "6275259"   "6388709"   "6646246"   "6697114"   "6710804"   "6724426"   "6765611").PN. OR ("6924841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/16 14:20
S142	59	("4589024"   "4626916"   "4706123"   "4819070"   "4821103"   "4884142"   "4959723"   "5084704"   "5162914"   "5262871"   "5264944"   "5274459"   "5434619"   "5471515"   "5485206"   "5541402"   "5541654"   "5576763"   "5585847").PN. OR ("6115065").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/16 14:20

S143	24	("20020027189"   "20020100862"   "20050128329"   "20060119717"   "5420635"   "5471515"   "5587596"   "5589880"   "5600696"   "5841126"   "5872595"   "5920345"   "6008486"   "6040570"   "6115065"   "6180935"   "6188433"   "6211915"   "6289139"   "6317154"   "6320616"   "6429898"   "6606121"   "6831689"). PN. OR ("7382407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/16 14:20
S144	29	("4845382"   "4914519"   "5278658").PN. OR ("5434619").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/16 14:20
S145	14	("4843473"   "5274459"   "5434619"   "5737016"   "5998779"   "6008486"   "6067113"   "6118115"   "6166769"   "6476864"   "6535247"   "6538693"). PN. OR ("6803952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/16 14:20
S146	3	((("6970195") or ("20060208163") or ("20060175536"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/08 13:46
S147	1	("7087883").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/08 13:47
S148	7	("4809075"   "5955753"   "6160281"   "6218691"   "6320617"   "6750912"). PN. OR ("7087883").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:48
S149	27	("4249122"   "4463383"   "4466018"   "4676761"   "4794247"   "5043820"   "5083016"   "5296696"   "5345266"   "5471515"   "5541402"   "5576763"   "5587596"   "5608243"   "5739562"   "5757426"   "5892540"   "5898753"   "5973311"   "6107655"   "6486913").PN. OR ("6750912").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:49
S150	53	("4363963"   "4547806"   "4587562"   "4644401"   "4678938"   "4763197"). PN. OR ("4809075").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:51
S151	7	("4809075"   "5955753"   "6160281"   "6218691"   "6320617"   "6750912"). PN. OR ("7087883").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:52

S152	25	("20010006402"   "20010010551"   "4333111"   "4809075"   "5144447"   "5214274"   "5471515"   "5485204"   "5587596"   "5654537"   "5721425"   "5744823"   "5841126"   "5877715"   "5880691"   "5892540"   "5892541"   "5933188"   "6243134"   "6433822"   "6441852"   "6469740"). PN. OR ("6791612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:53
S153	2	("2001/0006402").URPN.	USPAT	OR	ON	2009/05/08 13:53
S154	25	("20010006402"   "20010007471"   "20020018131"   "20040041930"   "20040041932"   "20050012836"   "20050110093"   "20050248675"   "20070018267"   "20070285545"   "6043478"   "6107655"   "6352869"   "6486913"   "6522357"   "6657665"   "6693670"   "6731335"   "6750912"   "6867806"   "7053947"   "7064362"   "7238926"   "7244918"   "7332786").PN. OR ("7443437").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:54
S155	18	10/229955	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 13:54
S156	8	("2002/0018131").URPN.	USPAT	OR	ON	2009/05/08 14:00
S157	4	("20020018131"   "20040096124"   "20050083421"   "6377304").PN. OR ("7256381").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 14:02
S158	5	("20040012697"   "20050012836"   "20050110884"   "20060146161").PN. OR ("7238926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 14:04
S159	12	("5272535"   "5274459"   "5523570"   "5751005"   "5900623"   "5955753"   "6069365"   "6091449"   "6233013"   "6465860"). PN. OR ("6867806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 14:12

S160	18	("4914518"   "4942473"   "5144442"   "5148268"   "5471515"   "5493423"   "5519514"   "5543838"   "5550653"   "5576763"   "5587596"   "5625210"   "5631704"   "5654755"   "5898168").PN. OR ("6233013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 14:12
S161	24	("4672453"   "4827345"   "4896216"   "5105277"   "5148268").PN. OR ("5543838").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 14:14
S162	1	("6565824").PN.	USPAT	OR	OFF	2009/05/08 15:44
S163	4	("4930006"   "5410146"   "5965892"   "5973311"). PN. OR ("6844898").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:21
S164	20	("4948966"   "5193018"   "5371351").PN. OR ("5721422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:21
S165	12	("20010013901"   "20020154233"   "20020154347"   "5793423"   "5949483"   "6239839"   "6365886"   "6452153"   "6531690"   "6747264"   "7242427"). PN. OR ("7304674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:21
S166	46	"348".clas. and (shar\$4 with float\$4 with diffusion)	USPAT	OR	ON	2009/05/08 16:21
S167	5	("20040012697"   "20050012836"   "20050110884"   "20060146161").PN. OR ("7238926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:21
S168	16	fossum.in. and binning	USPAT	OR	ON	2009/05/08 16:21
S169	3048	(250/208.1).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S170	1319	(250/208.1).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:21
S171	17	(348/316).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:21

S172	34	("4453177"   "4603354"   "4658287"   "4928137"   "4959723"   "5043819"   "5136370"   "5148013"   "5153731"   "5196939"   "5249041"   "5264939"   "5278660"   "5418565"   "5463419"   "5486859"   "5491512"   "5493335"   "5786588"   "5880781"   "5990946"   "6011583"   "6122007"   "6124888"   "6130710"   "6275261"   "6449013"   "6529236"). PN. OR ("6784928").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:21
S173	12	("4635122"   "4816916"   "4837630"   "4839734"   "4878121"   "4897728"   "5043819"   "5148013"). PN. OR ("5400071").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:21
S174	1555	floating adj diffusion	USPAT	OR	ON	2009/05/08 16:21
S175	1205	(floating adj diffusion) with charge	USPAT	OR	ON	2009/05/08 16:21
S176	711	(floating adj diffusion) with charge with voltage	USPAT	OR	ON	2009/05/08 16:21
S177	131200	"348".clas.	US-PGPUB; USPAT	OR	ON	2009/05/08 16:21
S178	7542	(short same long) and (dynamic near3 range) and averag\$4	US-PGPUB; USPAT	OR	ON	2009/05/08 16:21
S179	45	((ROBERT) near2 (GUIDASH)).INV.	USPAT	OR	ON	2009/05/08 16:21
S180	15	((ROBERT) near2 (GUIDASH)).INV.	US-PGPUB	OR	ON	2009/05/08 16:21
S181	425	(348/302).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S182	813	(348/308).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S183	126	(348/310).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S184	349	(348/311).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S185	115	(348/316).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S186	203	(348/272).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S187	353	(348/273).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S188	42	(348/281).CCLS.	USPAT	OR	OFF	2009/05/08 16:21

S189	57	(348/282).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S190	303	(348/220.1).CCLS.	USPAT	OR	OFF	2009/05/08 16:21
S191	140	(348/221.1).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S192	173	(348/302).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S193	660	(348/308).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S194	21	(348/310).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S195	273	(348/311).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S196	17	(348/316).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S197	226	(348/272).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S198	127	(348/273).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S199	5	(348/281).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S200	3	(348/282).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S201	192	(348/220.1).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S202	27	(348/221.1).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S203	46	"348".clas. and (shar\$4 with float\$4 with diffusion)	USPAT	OR	ON	2009/05/08 16:22
S204	4367	(250/208.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/08 16:22
S205	377	S204 and (shar\$4 or multiplex\$4) same amplif \$4	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S206	115	(348/316).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S207	17	(348/316).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S208	93	(348/319).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S209	2	(348/319).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S210	43	(348/283).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S211	3	(348/283).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22

S212	700	(348/241).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S213	395	(348/241).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S214	237	(S212 S213) and averag\$4	USPAT	OR	ON	2009/05/08 16:22
S215	438	(S212 S213) and averag\$4	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S216	577	(floating adj diffusion) with charge with voltage and pixel	USPAT	OR	ON	2009/05/08 16:22
S217	358	(348/229.1).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S218	131200	"348".clas.	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S219	11297	(short same long) and (dynamic near3 range)	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S220	1204	S218 and S219	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S221	7542	(short same long) and (dynamic near3 range) and averag\$4	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S222	712	S218 and S221	US-PGPUB; USPAT	OR	ON	2009/05/08 16:22
S223	37	(348/235).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S224	4	(348/235).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S225	17	(348/367).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S226	68	(348/367).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S227	54	(348/364).CCLS.	US-PGPUB	OR	OFF	2009/05/08 16:22
S228	268	(348/364).CCLS.	USPAT	OR	OFF	2009/05/08 16:22
S229	29	("20020027189"   "20030001962"   "20030184659"   "20040017498"   "4706123"   "4819074"   "5036400"   "5065247"   "5079622"   "5264940"   "5416515"   "5420635"   "5714753"   "5929908"   "6211915"   "6219097"   "6593970"   "6670993"   "6765611"   "6771312"   "6809768"   "6831692"   "6839087"   "6859230"   "6873442"   "6909461"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:22



		"6924841"   "6970195"   "7024108").PN. OR ("7400355").URPN.				
S230	17	("20020130957"   "4647975"   "6115065"   "6137100"   "6204881"   "6275259"   "6388709"   "6646246"   "6697114"   "6710804"   "6724426"   "6765611").PN. OR ("6924841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:22
S231	65	("4589024"   "4626916"   "4706123"   "4819070"   "4821103"   "4884142"   "4959723"   "5084704"   "5162914"   "5262871"   "5264944"   "5274459"   "5434619"   "5471515"   "5485206"   "5541402"   "5541654"   "5576763"   "5585847").PN. OR ("6115065").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:22
S232	24	("20020027189"   "20020100862"   "20050128329"   "20060119717"   "5420635"   "5471515"   "5587596"   "5589880"   "5600696"   "5841126"   "5872595"   "5920345"   "6008486"   "6040570"   "6115065"   "6180935"   "6188433"   "6211915"   "6289139"   "6317154"   "6320616"   "6429898"   "6606121"   "6831689"). PN. OR ("7382407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:22
S233	30	("4845382"   "4914519"   "5278658").PN. OR ("5434619").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:22
S234	15	("4843473"   "5274459"   "5434619"   "5737016"   "5998779"   "6008486"   "6067113"   "6118115"   "6166769"   "6476864"   "6535247"   "6538693"). PN. OR ("6803952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 16:22

S235	143	(US-20020154231-\$ or US-20050012836-\$ or US-20020066849-\$ or US-20040017497-\$ or US-20070097244-\$ or US-20070070232-\$ or US-20020186312-\$ or US-20020145675-\$ or US-20030112350-\$ or US-20030081132-\$ or US-20030090581-\$ or US-20020057354-\$ or US-20020012055-\$ or US-20080156966-\$ or US-20070075221-\$ or US-20060273241-\$ or US-20060273240-\$ or US-20060208163-\$ or US-20060208161-\$ or US-20060175536-\$ or US-20040041931-\$ or US-20040051802-\$ or US-20020080263-\$ or US-20030001962-\$ or US-20020027189-\$ or US-20050128329-\$).did. or (US-20020100862-\$ or US-20080136933-\$ or US-20080030605-\$ or US-20010006402-\$ or US-20070285545-\$ or US-20070018267-\$ or US-20050110093-\$ or US-20020018131-\$ or US-20050083421-\$ or US-20050110884-\$).did. or (US-6690421-\$ or US-4930006-\$ or US-6236434-\$ or US-7230646-\$ or US-4514766-\$ or US-4455575-\$ or US-6798451-\$ or US-7256831-\$ or US-6844898-\$ or US-6423959-\$ or US-4774586-\$ or US-6160580-\$ or US-3971065-\$ or US-6522356-\$ or US-5721422-\$ or US-6185270-\$ or US-5396121-\$ or US-4559550-\$ or US-4500915-\$ or US-7304674-\$ or US-7242427-\$ or US-6674094-\$ or US-6452153-\$ or US-5896173-\$ or US-7315329-\$ or US-7148927-\$).did. or (US-5278660-\$ or US-4876590-\$ or US-4658287-\$ or US-4542409-\$ or US-6784928-\$ or US-4453177-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/05/08 19:39
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		7238926-\$ or US-7075049-\$ or US-7026596-\$ or US-6657665-\$ or US-6423994-\$ or US-6352869-\$ or US-6686960-\$ or US-5500675-\$ or US-5949483-\$ or US-7342213-\$ or US-5786588-\$ or US-4959723-\$ or US-5440343-\$ or US-5400071-\$ or US-5148013-\$ or US-4626898-\$ or US-4314279-\$ or US-4816916-\$ or US-4553167-\$ or US-7408443-\$ or US-6795119-\$).did. or (US-5027195-\$ or US-4821088-\$ or US-4814865-\$ or US-7375748-\$ or US-6483541-\$ or US-7079178-\$ or US-6710804-\$ or US-6697114-\$ or US-6204881-\$ or US-6115065-\$ or US-4647975-\$ or US-6289139-\$ or US-6040570-\$ or US-6008486-\$ or US-5841126-\$ or US-5600696-\$ or US-6972794-\$ or US-6809766-\$ or US-6529242-\$ or US-5434619-\$ or US-6950131-\$ or US-6803952-\$ or US-7148462-\$ or US-6538693-\$ or US-6476864-\$ or US-6067113-\$ or US-6466265-\$).did. or (US-6421085-\$ or US-6166769-\$ or US-6809768-\$ or US-7068317-\$ or US-6587146-\$ or US-6552323-\$ or US-7355641-\$ or US-7379107-\$ or US-6970195-\$ or US-7087883-\$ or US-6750912-\$ or US-6218691-\$ or US-4809075-\$ or US-6791612-\$ or US-7443437-\$ or US-7256381-\$ or US-6867806-\$ or US-6233013-\$ or US-6731335-\$ or US-5543838-\$ or US-7518759-\$ or US-5148268-\$ or US-5955753-\$ or US-7476836-\$ or US-5892540-\$ or US-7511323-\$ or US-7382010-\$).did.				
S237	12	S235 and (color adj differenc\$4)	US-PGPUB; USPAT	OR	ON	2009/05/08 19:40
S238	83	"348".clas. and (adjacent or neighbor\$4) near3 (color adj differenc\$4)	US-PGPUB; USPAT	OR	ON	2009/05/08 22:03

S239	8	("4757377"   "5034805"). PN. OR ("5229859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 22:14
S240	32	bryce near3 bayer	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 23:18
S241	32	bayer adj (filter or pattern) with (benefit or advantage)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/08 23:26

**5/ 9/ 09 11:59:55 AM****C:\ Documents and Settings\ CYoder\ My Documents\ EAST\ Workspaces\ 10-6\ 10620060.wsp**